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[54] USE OF MOLDED POLYMERIC MATERIAL	[56]	References Cited	

[54]	USE OF MOLDED POLYMERIC MATERIAL FOR PREVENTING ADHESION OF VITAL TISSUES			
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[58]	Field of Sea	128/334 R, 335; 604/358, 364, 372		

## References Cited U.S. PATENT DOCUMENTS

3,739,773	6/1973	Schmitt et al 128/334 R X
3,797,499	3/1974	Schneider 128/334 R
3,875,937	4/1975	Schmitt et al 128/334 R X
3,883,901	5/1975	Coquard et al 128/334 R X
4,032,993	7/1977	Coquard et al 128/334 R X
4,208,511	6/1980	Shalaby et al 128/334 R X
4,343,931	8/1982	Barrows 128/334 R X
4,429,080	1/1984	Casey et al 128/334 R X
4,490,326	12/1984	Beroff et al 128/334 R X
4,523,591	6/1985	Kaplan et al 128/334

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## [57] ABSTRACT

An adhesion preventive for preventing adhesion between vital tissues is provided. The present adhesion preventive is a molded material consisting essentially of a biodegradable and absorbable polymer. It has an advantage of requiring no reoperation for its removal since it would be degraded and absorbed after completing its function in vivo.

20 Claims, No Drawings